IRL520NL

IRL520NL Information

For Reference Only

Part Number IRL520NL
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 100V 10A TO-262
Package TO-262-3 Long Leads, I2Pak, TO-262AA

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

IRL520NL Specifications

Manufacturer Part Number	IRL520NL
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-262-3 Long Leads, I2Pak, TO-262AA
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	10A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	20nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	440pF @ 25V
Vgs (Max)	±16V
FET Feature	-
Power Dissipation (Max)	3.8W (Ta), 48W (Tc)
Rds On (Max) @ Id, Vgs	180 mOhm @ 6A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-262
Package / Case	TO-262-3 Long Leads, I2Pak, TO-262AA
	Report errors?

IRL520NL Guarantees

Quality Guarantees
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

Service Guarantees
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

IRL520NL Payment Methods

IRL520NL Shipping Methods

If you have any question about IRL520NL, please do not hesitate to contact us!
Website: https://www.heisener.com
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